



02-05-02

647754

PATENT APPLICATION
DOCKET NO.: 43225.60194USPT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

In Re Application of: A. Vogel

Serial No.: 10/001,393

Filed: October 23, 2001

Title: Diene Functionalized Catalyst Supports
And Supported Catalyst Compositions

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Examiner:

Unit Art: 1754

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Commissioner for Patents
P. O. Box 2327
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Constance Pielech
C. M. Pielech

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This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of potentially relevant art of which applicants are aware of. A copy of each publication listed on Form PTO-1449 is enclosed herewith. The submission of this Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

Applicant is filing this Information Disclosure Statement under 37 C.F.R. § 1.97(b)(3), i.e., before the mailing date of a first Office Action on the merits. Therefore, no fee is believed to be required.

However, the Commissioner is hereby authorized to charge any deficiency to Deposit Account 10-0447,

Reference 43225.60194USPT(BAI).



Respectfully submitted,

JENKENS & GILCHRIST
A Professional Corporation

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/001,393
				Filing Date	October 23, 2001
				First Named Inventor	A. Vogel
				Group Art Unit	
				Examiner Name	
Sheet	1	of	4	Atty. Docket Number	43225.60194USPT

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	4,543,399		Jenkins III et al.	09-24-1985	
	AB	5,064,802		Stevens et al.	11-12-1991	
	AC	5,132,380		Stevens et al.	07-21-1992	
	AD	5,153,157		Hlatky et al.	10-06-1992	
	AE	5,189,192		LaPointe et al.	02-23-1993	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	AF	EP	0 089 691	A2	Union Carbide	09-28-1983		
	AG	EP	0 277 003	A1	Exxon Chemical	08-03-1988		
	AH	EP	0 520 732	A1	Dow Chemical	12-30-1992		
	AI	EP	0 824 112	A1	Hoechst	02-18-1998		
	AJ	WO	94/25495	A1	Exxon Chemical	11-10-1994		
	AK	WO	94/28032	A1	BP Chemicals	12-08-1994		

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	AN		
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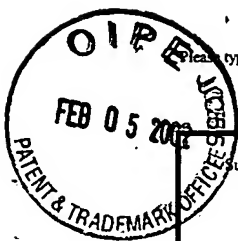
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		Number	Kind Code ² (if known)			
	BA	5,198,401		Turner et al.	03-30-1993	
	BB	5,296,433		Siedle et al.	03-22-1994	
	BC	5,321,106		LaPointe	06-14-1994	
	BD	5,350,723		Neithamer et al.	09-27-1994	
	BE	5,425,872		Devore et al.	06-20-1995	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	BF	WO	97/43323	A1	Dow Chemical	11-20-1997		
	BG	WO	97/44371	A1	Dow Chemical	11-27-1997		
	BH	WO	99/15534	A1	Dow Chemical	04-01-1999		
	BI	WO	99/42467	A1	Dow Chemical	08-26-1999		

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Examiner Name					
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		Number	Kind Code ² (if known)			
	CA	5,427,991		Turner	06-27-1995	
	CB	5,453,410		Kolthammer et al.	09-26-1995	
	CC	5,352,749		DeChellis et al.	10-04-1994	
	CD	5,470,927		Turner et al.	11-28-1995	
	CE	5,470,993		Devore et al.	11-28-1995	
	CF	5,527,929		Timmers et al.	06-18-1996	
	CG	5,721,185		LaPointe et al.	02-24-1998	
	CH	5,883,204		Spencer et al.	03-16-1999	
	CI	5,556,928		Devore et al.	09-17-1996	
	CJ	5,616,664		Timmers et al.	04-01-1997	
	CK	5,624,878		Devore et al.	04-29-1997	
	CL	5,625,087		Devore et al.	04-29-1997	
	CM	5,626,087		Lompa	05-06-1997	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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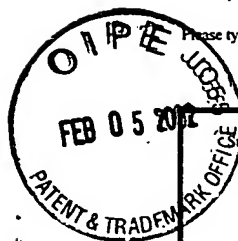
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		Number	Kind Code ² (if known)			
	DA	5,643,847		Walzer, Jr.	07-01-1997	
	DB	5,763,547		Kolthammer et al.	06-09-1998	
	DC	5,783,512		Jacobsen et al.	07-21-1998	
	DD	5,919,983		Rosen et al.	07-06-1999	

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